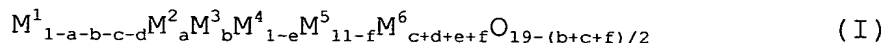WHAT IS CLAIMED IS:

1.   A phosphor for vacuum ultraviolet ray-excited light-emitting elements which comprises a compound represented by the following formula (I):

$$M^1_{1-a-b-c-d}M^2_aM^3_bM^4_{1-e}M^5_{11-f}M^6_{c+d+e+f}O_{19-(b+c+f)/2} \qquad (I)$$

(wherein M^1 is at least one element selected from the group consisting of La, Y and Gd, M^2 is at least one element selected from the group consisting of Ce and Tb, M^3 is at least one element selected from the group consisting of Ca, Sr and Ba, M^4 is at least one element selected from the group consisting of Mg and Zn, M^5 is at least one element selected from the group consisting of Al and Ga, and M^6 is at least one element selected from the group consisting of Mn and Eu, and a, b, c, d, e and f are numbers satisfying the conditions of $0 \leq a < 1$, $0 \leq b \leq 0.6$, $0 \leq c \leq 0.5$, $0 \leq d \leq 0.5$, $0 \leq e < 1$, $0 \leq f < 1$, $a+b+c+d < 1$ and $0 < c+d+e+f$), respectively.

2.   A phosphor according to claim 1, wherein c, d, e and f satisfy the condition $0.001 \leq c+d+e+f \leq 1$.

3.   A phosphor according to claim 1 or 2, wherein M^4 consists of Mg and Zn.

4.   A phosphor according to any one of claims 1-3, wherein M^1 consists of La and Y.

5.   A phosphor according to any one of claims 1-4, wherein M^5 is Al.

6.   A phosphor according to claim 1 which

comprises a compound represented by the following
formula (II):

$$(M^7_{1-g}M^8_g)(Mg_{1-h-i}Zn_h)Al_{11-j}Mn_{i+j}O_{19-(g+j)/2} \qquad (II)$$
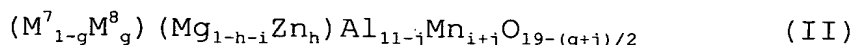
(wherein M^7 is at least one element selected from the
group consisting of La, Y and Gd and M^8 is at least one
element selected from the group consisting of Ca, Sr
and Ba, and g, h, i and j are numbers satisfying the
conditions of $0<g\leqq0.6$, $0\leqq h\leqq1$, $0\leqq i\leqq0.5$, $0\leqq j\leqq0.5$,
$h+i\leqq1$, and $0<i+j\leqq0.5$, respectively).

7.   A phosphor according to claim 1 which
comprises a compound represented by the following
formula (III):

$$(M^9_{1-k-m}M^{10}_kEu_m)(Mg_{1-n}Zn_n)Al_{11}O_{19-(k+m)/2} \qquad (III)$$
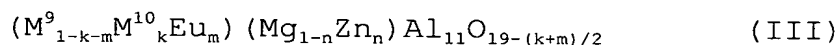
(wherein M^9 is at least one element selected from the
group consisting of La, Y and Gd and M^{10} is at least one
element selected from the group consisting of Ca, Sr
and Ba, and k, m and n are numbers satisfying the
conditions of $0<k\leqq0.6$, $0<m\leqq0.4$, $0\leqq n\leqq1$, and $k+m<1$,
respectively).

8.   A vacuum ultraviolet ray-excited light-
emitting element comprising the phosphor described in
any one of claims 1-7.